

ABSTRACT OF THE DISCLOSURE

In a preferred embodiment, the invention provides a circuit and method for a smaller and faster triple redundant latch with storage node recovery. An input driver is connected to the input of three transfer gates. The output of each transfer gate is
5 connected to a separate output of one of three feedback inverters. The transfer gates are controlled by two control inputs. The inputs of the three feedback inverters are connected the output of the forward inverter/majority voter. The output from each of the three feedback inverters are inputs to the forward inverter/majority voter. The output of the forward inverter/majority voter is connected to the input of the output
10 driver. The output of the output driver is the output of the triple redundant latch.